



Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY DOCKET NO.
1691-0170PAPPLICATION NO.
10/030,657APPLICANT
WAKAMATSU et al.FILING DATE
January 11, 2002GROUP
Unknown**U.S. PATENT DOCUMENTS**

#3

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
hl	4,737,348	4/12/1988	LEVIN			
	4,176,166	11/27/1979	CARMAN			
hl	4,547,258	10/15/1985	WITTER et al.			
	4,710,260	12/1/1987	WITTER et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
hl	59-121109	7/13/1984	Japan			Abs	
	54-124896	9/28/1979	Japan			Abs	
	56-63813	5/30/1981	Japan			X	
	51-37819	3/30/1976	Japan			Abs	
	52-133085	11/8/1977	Japan			Abs	
	59-162117	9/13/1984	Japan			X	
hl	59-501109	6/28/1984	Japan			X	
	62-7619	1/14/1987	Japan			Abs	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)**RECEIVED**

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DATE CONSIDERED

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.